

MODIFIED PTO/SB/08 (08-00)

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<p>Substitute for form 1449B/PTO TRADEMARK</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>Date Submitted: December 23, 2003 (use as many sheets as necessary)</p>				<p>Complete if Known</p>	
				Application Number	10/649,944
				Filing Date	08/28/2003
				First Named Inventor	Ralph M. ELLISON
				Group Art Unit	1614-1616
				Examiner Name	Unassigned PAK
Sheet	1	of	6	Attorney Docket Number	
077319-0384					

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		132,275		Gettings	10/15/1872	
		232,807		Dennett	10/05/1886	
		3,700,498		Kanazawa et al.	10/24/72	
		4,497,780		Barin et al.	02/05/85	
		5,759,837		Kuhajda et al.	06/02/98	
		09/110,366		Lu	Fld. 7/6/98	
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		00/702,011		Zhang	Fld. 8/23/06	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴				
		JP	51-88620		03/08/76		
		WO	95/01789		1/19/95		
		CN	1133725 A		10/23/96		
		CN	1131037 A		9/18/96		
		CN	1122700 A		5/22/96		
		CN	1081104 A		1/26/94		
		CN	1119113 A		3/27/96		
		CN	1061908 A		6/17/92		
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		CN	1079391 A		12/15/93		
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		WO	95/22336		8/24/95		
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		CN	1081104 A		1/26/94		
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		CN	1122700 A		6/22/06		
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		CN	1133725 A		10/23/96		

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Substitute for form 1449B/PTO TRADEMARK OFFICE				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/649,944
Date Submitted: December 23, 2003 (use as many sheets as necessary)				Filing Date	08/28/2003
Sheet	2	of	6	First Name Inventor	Ralph M. ELLISON
				Group Art Unit	4614-1616
				Examiner Name	Unassigned PAIC
				Attorney Docket Number	077319-0384

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
		"Arsen (III) – Sulfid As ₂ S ₂ ", Gmelin's Arsenic, 8 th Edition, 17:422-433, 1952.			
		"Diarsendisulfid As ₂ S ₂ ", Gmelin's Arsenic, 8 th Edition, 17:412-422, 1952.			
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Examiner Signature		Date Considered	12/9/05
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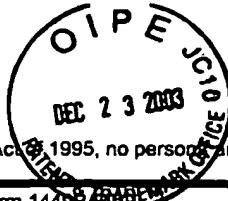
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Date Submitted: December 23, 2003
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Complete if Known

Application Number	10/649,944
Filing Date	08/28/2003
First Named Inventor	Ralph M. ELLISON
Group Art Unit	4614-1616
Examiner Name	Unassigned PAK

Sheet

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Attorney Docket Number

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NON PATENT LITERATURE DOCUMENTS

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D		De The, "L'oxyde d'arsenic: après l'acide retinoïque, un nouveau traitement cible de la leucémie aigüe promyélocyttaire" medicine/sciences; 13: 867-71, 1997	
		Dictionary of Inorganic Compounds, Vol. 1, Ac-C ₁₀ , IC-000667-IC-000671 (Date Unknown)	
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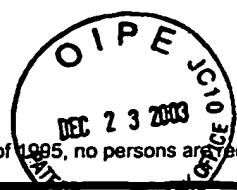
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Date Submitted: December 23, 2003
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Sheet

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Complete If Known

Application Number	10/649,944
Filing Date	08/28/2003
First Named Inventor	Ralph M. ELLISON
Group Art Unit	1614 1616
Examiner Name	Unassigned PAK
Attorney Docket Number	077319-0384

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Date Considered

12/9/05

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Substitute for form 1449B/PTO-6 TRADEMARK
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Date Submitted: December 23, 2003

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Application Number	10/649,944
Filing Date	08/28/2003
First Named Inventor	Ralph M. ELLISON
Group Art Unit	1614
Examiner Name	Unassigned 16/6 PAK

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D		Sun et al., "Ai Ling #1 and Traditional Chinese Medicine in the Treatment of 32 patients with Acute Promyelocytic Leukemia", Chinese J. of Traditional Chinese and Western Medicine 1(3), 1992.	
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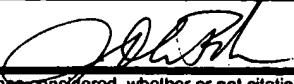
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		"Letter on Historical Facts Regarding the Development of Ai Ling. No. 1 and the Clinical Use of Arsenic Trioxide in the Treatment of Acute Promyelocytic Leukemia and a Study of its Mechanism" Heilongjiang Branch of the Chinese Medical Association, March 27, 1998.			
		Wang et al., "Arsenic Trioxide and Melarsoprol Induced Programmed cell death in myeloid leukemia cell lines and function in PML and PNL-RAR α Independent Manner," Blood, 92(5):1497-1504, 1998.			
		Flamigni et al., "Effect of Sodium Arsenite on the Induction and Turnover of Ornithine Decarboxylase Activity in Erythroleukemia Cells", Cell Biochemistry and Function Vol. 7:213-217 (1989) © John Wiley & Sons Ltd. 1989			
		Reichi et al., "Effect of Arsenic on Cellular Metabolism After Single or Repeated Injection in Guinea Pigs" Arch. Toxicol., Suppl. 13, 363-365 (1989) © Springer Verlag 1989			
		Remington's Pharmaceutical Sciences, Mack Publishing Company, Easton PA, Chapter 85, pp. 1570-80, 1990.			
		"Inorganic Arsenic Compounds other than Arsine Health and Safety Guide, Health and Safety Guide No. 70, WHO, Geneva 1992.			
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		Treleaven et al., "Arsenic and Ayurveda", Leukemia and Lymphoma, Vol. 10, pp. 343-345 © Harword Academic Publishers GmbH 1993			
		USP Dictionary of USAN and International Drug Names, United States Pharmacopeial Conventions, Inc., Rockville Md., p. 59, November 1995			
		Fluka 1995/96 Catalog, pp. 152-153 July 1995			
		Wang et al., "Arsenic and the Treatment of Leukemia" J. Harbin Medical University, Vol. 31, No. 5, October 1997			

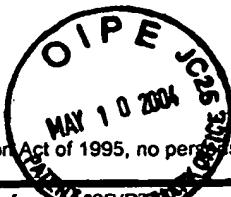
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: May 10, 2004 (use as many sheets as necessary)				Application Number 10/649,944 Filing Date 08/28/2003 First Named Inventor Ralph M. ELLISON Group Art Unit 1614-1616 Examiner Name Unassigned PAK Attorney Docket Number 077319-0384	
Sheet	1	of	2		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		FR-2	699-820	Eric PIGHOT	12/24/1992	T ⁶

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			
<i>DP</i>		International Search Report of EP 03019594 (Dated 11/4/2003).			
		Matthew BLOCK et al., "Biological Studies with Arsenic IV. The Histopathologic Effect of Arsenic Upon the Hematopoietic Tissues of Patients with Leukemia", The Journal of Laboratory and Clinical Medicine, Vol. 41, No. 4, 4/1953, pp. 499-515.			
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		Edward B. SILBERSTEIN, "Radionuclide Therapy of Hematologic Disorders", Seminars in Nuclear Medicine, Vol. 9, No. 2, 4/1979, pp. 100-107.			
<i>DP</i>		David A. SEARS MD, "History of the Treatment of Chronic Myelocytic Leukemia", American Journal of the Medical Sciences, Vol. 296, No. 2, 8/1988, pp. 85-86.			

Examiner Signature	<i>DP</i>	Date Considered	12/9/05
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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/649,944
Date Submitted: May 10, 2004				Filing Date	08/28/2003
(use as many sheets as necessary)				First Named Inventor	Ralph M. ELLISON
Sheet	2	of	2	Group Art Unit	1614-166 Unassigned PAK
				Examiner Name	
				Attorney Docket Number	077319-0384

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ⁶
		Zhi-Xiang SHEN et al., "Use of Arsenic Trioxide (As ₂ O ₃) in the Treatment of Acute Promyelocytic Leukemia (APL); II. Clinical Efficacy and Pharmacokinetics in Relapsed Patients", Blood, Vol. 89, No. 9, 5/1997, pp. 3354-3360.		
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Examiner Signature		Date Considered	12/9/2005
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date Submitted: October 12, 2004

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Sheet 1 of 1

				Complete if Known	
		Application Number		10/649,944	
		Filing Date		8/28/2003	
		First Named Inventor		Ralph M. ELLISON	
		Group Art Unit		4614-1616	
		Examiner Name		Unassigned PAK	
		Attorney Docket Number		077319-0384	

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		6,720,011		ZHANG	4/13/2004	
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		C1	C2	C3	C4
		International Search Report of EP 04007847 (Dated 6/16/2004).			
		C2	Kunio KITAMURA et al., "New Retinoids and arsenic compounds for the treatment of refractory acute promyelocytic leukemia: clinical and basic studies for the next generation", Cancer Chemother Pharmacol, (1977), 40 (Suppl) pp. S36-S41.		
		C3	Zhu CHEN et al., "Acute Promyelocytic Leukemia: Cellular and Molecular Basis of Differentiation and Apoptosis", Pharmacol. Ther., Vol. 76, Nos. 1-3, pp. 141-149, 1997.		
		C4	DATABASE MEDLINE Online! US National Library of Medicine (NLM), Bethesda, MD US; August 25, 1997, Melino G. et al., "Retinoic acid receptors alpha and gamma mediate the induction of "tissue" transglutaminase activity and apoptosis in human neuroblastoma cells", XP002284763, Database accession no. NLM9281352 *ABSTRACT		
		C5	DATABASE MEDLINE Online! US National Library of Medicine (NLM) Bethesda, MD, US; July 1997, Cooper M. P. et al., "All-trans retinoic acid induced gene expression and growth inhibition in head and neck cancer cell lines" XP002284764 Database accession no. NLM9307717 *ABSTRACT & Oral Oncology, July 1997, vol. 33, no. 4, pp. 270-274, ISSN: 1368-8375.		

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